

City of Chattanooga, TN
Personnel Class Specification

Class code 0646

FLSA: Non-Exempt

CLASSIFICATION TITLE: SEWER MAINTENANCE TRUCK OPERATOR

PURPOSE OF CLASSIFICATION

The purpose of this classification is to operate specialized equipment and perform technical/manual work functions associated with televised inspection of sewer lines and cleaning of sewer lines. This classification is intended to denote operation of more complex combination sewer cleaning trucks with both jet-flushing and vacuum mechanisms to perform specialized and more complicated sewer maintenance and repair tasks. It is distinguished from sewer cleaning vehicles in lower classifications in both the number and complexity of mechanisms and in the degree of skill, knowledge, and responsibility inherent in the maintenance tasks performed.

ESSENTIAL FUNCTIONS

The following duties are normal for this position. These are not to be construed as exclusive or all-inclusive. Other duties may be required and assigned.

Operates a television inspection tracking system to inspect/televiser pipes to identify defects and to prevent sewer overflows; locates sewer lines and service connections; locates and maps uncharted service connections; positions camera in pipes to locate problems; records video pictures and retrieves camera from pipes.

Operates a sewer line television sealing truck to seal sewer lines.

Operates a combination jet-flushing/vacuum truck to clean sewer lines, storm drains, and pump stations to prevent sewer overflows; locates location of needed repairs by map and by manhole numbers; positions truck over manhole; assembles vacuum tube over manhole; selects proper nozzle for use in cleaning sewer line with high pressure rodder equipment; installs rope for seal truck in sewer line with jet rodder hose.

Cleans and vacuums sewer line to remove all debris; manually removes any debris which cannot be vacuumed; dumps debris upon return to plant.

Conducts dye testing of sewer lines, service lines, and catch basins; performs sewer line smoke testing for leak detection.

Collects samples of overflow materials, composite materials, metals, fecal matter, coliform, or other materials; initiates chain of custody forms and location log sheets

to identify samples.

Performs manual tasks associated with department activities, which may include lifting/uncovering manhole covers, removing roots from sewer lines, checking gas/oxygen levels in manholes, pouring scotch casts, tracing electrical shorts, soldering electrical wires, re-wiring television cables, sealing joints, installing flow monitors, cutting/shaping metal, troubleshooting equipment problems, performing mechanical/electrical repairs, rebuilding motors and equipment, placing traffic control/safety markers, flagging traffic, and lifting/moving heavy materials.

Operates a variety of equipment, machinery, and tools used in department activities, which may include a jet-flushing/vacuum truck, gas detection system, pump-off system, rodder hose, drag machine, hydraulic swedge machine, vacuum tubes, hydraulic root cutter, seal truck, TV van, television inspection tracking system, closed circuit camera, transporter, video recorder, footage meter, television seal unit, joint sealing equipment, winch, pumps, air compressor, air motor, jackhammer, generator, metal detector, gas detector, drill, die grounder, rivet gun, soldering iron, meters, gauges, bobcat, dump truck, sledgehammer, pick axe, shovel, and mechanic tools.

Inspects/tests equipment and pipes for proper operations and to verify integrity of repairs; makes adjustments, repairs or replacements as appropriate; reports problem situations.

Performs general cleaning/maintenance tasks necessary to keep vehicles, equipment, and tools in operable condition, which may include inspecting equipment, checking fluid levels, replacing fluids, greasing equipment, replacing parts, washing/cleaning equipment, and cleaning shop/work areas; monitors equipment operations to maintain efficiency and safety; reports faulty equipment.

Follows safety procedures, utilizes safety equipment, and monitors work environment to ensure safety of employees and other individuals.

Checks inventory of equipment, tools, or supplies on truck; initiates requests for new or replacement materials.

Transports, loads and unloads various equipment and materials used in projects; transports workers to work site.

Maintains video records of inspection data collected by television inspection system; maintains video library to reflect current data.

Surveys and maps sewer lines; maintains and updates city sewer system maps.

Prepares work requests and related documentation for needed repair/replacement work.

Prepares or completes various forms, correspondence, reports, logs, lists, worksheets, work requests, activity reports, chain of custody forms, diagrams, maps, drawings, and other documents.

Receives various forms, reports, work orders, maps, specifications, manuals, or other documentation; reviews, processes, forwards or retains as appropriate.

Communicates with supervisor, employees, other departments, engineers, plumbers, contractors, the public, and other individuals as needed to coordinate work activities, review status of work, exchange information, or resolve problems.

Communicates via telephone and/or two-way radio; provides information and assistance; takes and relays messages or directs calls to appropriate personnel; returns calls as necessary.

ADDITIONAL FUNCTIONS

Provides assistance to other employees or departments as needed.

Performs other related duties as required.

MINIMUM QUALIFICATIONS

High school diploma or GED; supplemented by vocational/technical training in truck operation, mechanics, and electrical/electronic repair; supplemented by one (1) year previous experience and/or training involving sewer line maintenance, television inspection equipment operation, operation of trucks and rodding equipment, and basic electrical/mechanical repair; or any equivalent combination of education, training, and experience which provides the requisite knowledge, skills, and abilities for this job. Must possess and maintain a valid Tennessee Commercial Driver's License (CDL) including appropriate endorsement(s).

PERFORMANCE APTITUDES

Data Utilization: Requires the ability to calculate and/or tabulate data. Includes performing subsequent actions in relation to these computational operations.

Human Interaction: Requires the ability to exchange information for the purpose of clarifying details within well established policies, procedures and standards.

Equipment, Machinery, Tools, and Materials Utilization: Requires the ability to operate and control the actions of equipment, machinery, tools and/or materials requiring complex and rapid adjustments.

Verbal Aptitude: Requires the ability to utilize a wide variety of reference and descriptive data and information.

Mathematical Aptitude: Requires the ability to perform addition, subtraction, multiplication, and division.

Functional Reasoning: Requires the ability to apply principles of rational systems; to interpret instructions furnished in written, oral, diagrammatic, or schedule form; and to exercise independent judgment to adopt or modify methods and standards to meet variations in assigned objectives.

Situational Reasoning: Requires the ability to exercise judgment, decisiveness and creativity in situations involving a variety of generally pre-defined duties which are often characterized by frequent change.

ADA COMPLIANCE

Physical Ability: Tasks require the regular and, at times, sustained performance of moderately physically demanding work, typically involving some combination of climbing and balancing, stooping, kneeling, crouching, and crawling, and that may involve the lifting, carrying, pushing, and/or pulling of moderately heavy objects and materials (20-50 pounds).

Sensory Requirements: Some tasks require the ability to perceive and discriminate colors or shades of colors, sounds, odor, depth, and visual cues or signals. Some tasks require the ability to communicate orally.

Environmental Factors: Performance of essential functions may require exposure to adverse environmental conditions, such as dirt, dust, pollen, odors, wetness, humidity, rain, fumes, temperature and noise extremes, machinery, vibrations, electric currents, traffic hazards, toxic agents, violence, disease, or pathogenic substances.

Chattanooga, Tennessee, is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the City will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.